

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-4. (Canceled)

5. (Previously Presented) A computer readable medium encoded with a computer program instructions which when executed by a data processing system cause said system to perform a method to transform an electronic image, the method comprising:

determining one or more averages of a color channel for the image by excluding one or

more first pixels of the image, each of the one or more first pixels being one of:

a) substantially white, and

b) substantially black; and

scaling color signals of the color channel for second pixels of the image according to

the one or more averages, each of the second pixels being not one of:

a) substantially white, and

b) substantially black,

wherein the one or more averages comprise at least two of:

(a) an average for a center portion of the image,

(b) an average for a surrounding portion of the image, and

(c) an average for the image, and

wherein each of the color signals is scaled with respect to a signal of a selected color in the

color channel by a factor which is a function of: the one or more averages and a

distance to a selected point in the image.

6. – 22. (Canceled)

23. (Previously Presented) A data processing system to transform an electronic image, the data processing system comprising:

means for determining one or more averages of a color channel for the image by
excluding one or more first pixels of the image, each of the one or more first
pixels being one of:

- a) substantially white, and
- b) substantially black; and

means for scaling color signals of the color channel for second pixels of the image
according to the one or more averages, each of the second pixels being not one
of:

- a) substantially white, and
- b) substantially black,

wherein the one or more averages comprise at least two of:

- a) an average for a center portion of the image;
- b) an average for a surrounding portion of the image, and
- c) an average for the image, and

wherein each of the color signals is scaled with respect to a signal of a selected
color in the color channel by a factor which is a function of the one or more
averages and a distance to a selected point in the image.

24.-28. (Canceled)

29. (Previously Presented) An image capturing device, comprising:

an image sensing device to generate an electronic image; and

a processing circuit coupled to the image sensing device, the processing circuit being

configured to determine one or more averages of a color channel for the image

by excluding one or more first pixels of the image, each of the one or more

first

pixels being one of:

a) substantially white, and

b) substantially black; and

the processing circuit being configured to scale color signals of the color

channel for second pixels of the image according to the one or more averages,

each of the second pixels being not one of:

a) substantially white, and

b) substantially black,

wherein the one or more averages comprise at least two of:

a) an average for a center portion of the image;

b) an average for a surrounding portion of the image; and

c) an average for the image;

wherein each of the color signals is scaled by the one or more averages to

generate respectively one or more signals that are weighted according to a

distance to a selected point in the image.

30. – 37. (Canceled)

38. (Previously Presented) A computer readable medium encoded with computer program instructions which when executed by a data processing system cause said system to perform a method to transform an electronic image, the method comprising:

determining a plurality of averages of a color channel for the image; and
scaling color signals of the color channel for the image according to the plurality of averages;

wherein the plurality of averages comprise at least one of:

- a) an average for a center portion of the image,
- b) an average for a surrounding portion of the image,
- c) an average for the image, and

wherein each of the color signals is scaled with respect to a signal of a selected color in the color channel by a factor which is a function of: the plurality of averages and a distance to a selected point in the image.

39. – 68. (Canceled)